

Arboviral Surveillance Report

August 25th, 2020

Surveillance

This report provides data on Week 34 of surveillance for West Nile virus (WNV) in mosquitoes and includes data on other surveillance indicators. Gravid and BG Sentinel traps are placed throughout the City of Chicago and monitored twice a week for the duration of the mosquito-breeding season. For this reporting period, there were twenty-one (21) WNV positive mosquito pools from eighteen (18) traps within the City.

Mosquitoes (data from 81 traps)

Week 34 (8/17/20 – 8/23/20)	
Total Collections (Number of Traps X Frequency of Collection)	154
Number of Female <i>Culex</i> Trapped and Tested	2007
Number of Pools Tested	139
Number of Pools Positive	21
Number of Community Areas with Positive Mosquito Pools	15
Cumulative Totals	
Total Collections (Number of Traps X Frequency of Collection)	1691
Number of Female <i>Culex</i> Trapped and Tested	15,727
Number of Pools Tested	1327
Number of Pools Positive	63
Number of Community Areas with Positive Mosquito Pools	29

Community Areas with Positive Mosquito Pools (cumulative):

East Garfield Park, O'Hare, Dunning, Riverdale, Austin, South Lawndale, Archer Heights, Garfield Ridge, Englewood, New City, Greater Grand Crossing, Chatham, South Deering, Belmont Cragin, West Town, Portage Park, Forest Glen, Edison Park, North Park, Avondale, Lake View, Norwood Park, Lincoln Square, Edgewater, Humboldt Park, Near West Side, Gage Park, Clearing and Hegewisch.

Dead Birds: 2 - 1 negative for WNV and 1 unable to test.

***Aedes albopictus* (cumulative):** 832 females and 263 males

Humans: 0

Risk Assessment

The risk of human West Nile virus infection in the City of Chicago is moderate.

Larval and Adult Mosquito Control Efforts

Surveillance crews are monitoring catch basins throughout the City to assess the level of control. In response to the recent WNV detections, there is a planned truck-mounted ULV application scheduled for portions of Ward 41 on the night of August 27th.